



## Distinguished

بارز - متميز

Our **distinguished** guest will present his research at 9:00 pm.

سيقدم ضيفنا المميز بحثه في الساعة 9:00 مساءً.

## Quantum theory

نظرية الكم

**Quantum theory** is the theoretical basis of modern physics.

النظرية الكمية هي الأساس النظري للفيزياء الحديثة.

## Radiation

إشعاع

Exposure to high levels of **radiation** is dangerous to humans.

التعرض لمستويات عالية من الإشعاع خطير على البشر.

## Eulogize

ينعى - يمدح في شخص بعد وفاته

He faced tremendous difficulty **eulogizing** his own father.

واجه صعوبة هائلة في تأييد / نعي والده.



On the 11th of July 1898, in Damietta, a man that would soon after change our very understanding of the world, and shake up the scientific scene at the time - was born.



That was none other than Dr. Ali Moustafa Mosharafa. Dr. Moustafa published 25 original papers in **distinguished** scientific journals about **quantum theory**, the theory of relativity, and the relation between **radiation** and matter. He published around 12 scientific books about relativity and mathematics. His books, on the theory of relativity, were translated into English, French, German and Polish. He also translated 10 books of astronomy and mathematics into Arabic.

He died on the 15th of January 1950, under mysterious circumstances and the case was never subject to proper investigation.

Albert Einstein **eulogized** his death saying: "I cannot believe that Mosharafa is dead, he is alive through his research. We are in need of his talents, it is a great loss, he was a genius. I used to follow up his research in atomic energy, definitely he is one of the best scientists in physics."

On the 11th of July 1898, in Damietta, a man that would soon after change our very understanding of the world, and shake up the scientific scene at the time - was born.

في 11 يوليو 1898 ، في دمياط ، ولد رجل كان على وشك أن يغير مفهومنا عن العالم بشكل كلي، ويهز الساحة العلمية في ذلك الوقت.

That was none other than Dr. Ali Moustafa Mosharafa. Dr. Moustafa published 25 original papers in **distinguished** scientific journals about **quantum theory**, the theory of relativity, and the relation between **radiation** and matter.

لم يكن ذلك سوى د. علي مصطفى مشرفة. نشر الدكتور مصطفى 25 بحثاً في مجلات علمية متميزة حول نظرية الكم ، ونظرية النسبية ، والعلاقة بين الإشعاع والمادة.



He published around 12 scientific books about relativity and mathematics.

نشر حوالي 12 كتابًا علميًا حول النسبية والرياضيات.

His books, on the theory of relativity, were translated into English, French, German and Polish.

وقد ترجمت كتبه حول نظرية النسبية إلى الإنجليزية والفرنسية والألمانية والبولندية.

He also translated 10 books of astronomy and mathematics into Arabic.

كما ترجم 10 كتب في علم الفلك والرياضيات إلى اللغة العربية.

He died on the 15th of January 1950, under mysterious circumstances and the case was never subject to proper investigation.

توفي في 15 يناير 1950 ، في ظروف غامضة ولم تخضع القضية للتحقيق المناسب.

Albert Einstein **eulogized** his death saying: "I cannot believe that Mosharafa is dead, he is alive through his research.

ونعى ألبرت أينشتاين وفاته قائلاً: لا أستطيع أن أصدق أن مشرفة مات ، فهو حي من خلال بحثه.

We are in need of his talents, it is a great loss, he was a genius.

نحن بحاجة إلى مواهبه ، إنها خسارة كبيرة ، كان عبقرياً.

I used to follow up his research in atomic energy, definitely he is one of the best scientists in physics."

كنت أتابع بحثه في الطاقة الذرية ، وهو بالتأكيد أحد أفضل العلماء في الفيزياء.